PMA-260 Common Support Equipment Newsletter

Spring 2007

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PMA-260 MISSION STATEMENT

Provide "Common", affordable/cost effective aviation support equipment in support of "O" and "I" Level operations and maintenance activities.

This Newsletter is not considered an official notification and is not intended to supersede any existing methods, documents or instructions.

There have been a lot of things transpiring in the world of Support Equipment: new acquisitions, customer feedback conferences, Airspeed projects, engineering changes, etc. We would like to bring you, our customers up to speed on some of these items, and show everyone some of the new equipment being procured. Please feel free to pass this letter on to all the personnel that use and maintain Support Equipment. The focus of this newsletter is to disseminate non-technical information. We'll be expanding it to include more equipment commodities. First thing we'll go through is some of the new equipment in the acquisition cycle. For a complete listing please see encl. (1).

New Support Equipment

OXYGEN SERVICING TRAILER

The gaseous oxygen service units are used at the O and I levels ashore and afloat to replenish oxygen storage cylinders and emergency bailout oxygen systems. The new cart is a modified Non-Developmental Item (NDI) planned to replace the legacy A/U26U-1A and SPEN Service Carts ("SPEN" is a manufacturers name). This buy is in response to safety issues and obsolescence of key parts associated with the legacy carts. Key Performance Parameters are: Storage Pressure, 2400 PSIG; Storage Capacity, 2400 SCF of ABO; Dispensing Pressure, 50 to 1800 PSIG; Usable Capacity, 792 CF; Weight empty, 1750 lbs; Dimensions, 110L x 60W x 37H. The new trailer will be a cascade design. Fleet deliveries started in Jan 2007 with IOC planned for Jul 2007.

PORTABLE AIR COMPRESSOR

The Air Compressor will provide low-pressure air at up to 160 CFM and 100 PSIG. The performance specifications require an operational temperature range of -25F to 135F degrees. The unit will have various uses within the Navy and Marine Corps, both on shore and at sea. Fleet deliveries are planned to start Jun 2008.

PARTS WASHERS

There are currently three parts washers in the acquisition cycle, two aqueous types and one solvent type. The aqueous parts washers clean with spray nozzles positioned along the interior walls and ceiling that direct a heated, high-pressure stream of water and detergent at parts to be cleaned. The combination of high temperature and high blasting pressure removes dirt, grime, oil, grease, and fluorescent penetrants. Benefits include a reduction in labor time to clean parts by up to 25% compared with Safety Kleen tanks and 50% compared with PD-680 tanks. It will replace hazardous solvents with a biodegradable detergent and reduce disposal costs of hazardous waste. Additionally, it will provide a healthier work and living environment by reducing the quantity and toxicity of waste stream matter by 45% compared with PD-680 tanks and 27% compared with Safety Kleen tanks. Fleet deliveries for the Large Parts Washer (pictured) is scheduled for Jul 2008.

BATTERY CHARGER/ANALYZER (NSWC CRANE)

The MSD-970-1 battery test system contains all the necessary functions to perform complete battery testing. This includes charging, discharging, open circuit stand and sensing of multiple battery parameters such as profile statistics, elapsed time, charge/discharge current, charge/discharge voltage, temperature and ampere hours. It will service any battery between 0 and 36 volts. It has 20 milliamp to 70 amp charge and discharge current capability. The battery charger/analyzer will be shipped with the following components: MSD-970-1 Battery Charger/Analyzer; Generic Battery Charge and Sense cable; PC to Charger interface cable; 240VAC to 120VAC adaptor cable; user manual; and Compact Disc (MSD Computer Interface (MSDCI.exe)).

NEW MMG

The Mobile Frequency Converter (MFC) is a solid state modified Commercial Off The Shelf (COTS) replacement for the obsolete MMG-1A converters. It will provide multiple power outputs: 115VAC,400 Hz, 3-Phase, 110KVA continuous (dual 115 VAC plugs share 110KVA output power); 270VDC, 60KW continuous; and 28VDC, 14KW continuous, 28KW peak (10 sec). Fleet deliveries are planned to start Jun 2008.

SMALL CC CART

As part of corrosion control maintenance the Navy and Marine fixed and rotary wing aircraft engines require periodic gas-path washing, and/or preservation. The small corrosion control cart (CCC) will be a diesel powered unit capable of providing filtered water, soap and preservative at the desired pressure and volume via positive displacement pumps (not a pressurized tank system). The small cart is for shipboard use as well as use ashore. The units will be lightweight, maneuverable, and contained on a four-wheeled cart for ease of movement. Fleet deliveries are planned to start Jun 2008.

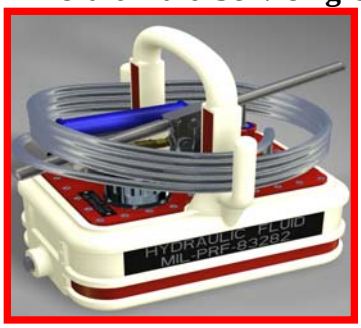
LARGE CC CART

The large CCC will also be diesel powered and capable of providing filtered water, soap and preservative at the desired pressure and volume via positive displacement pumps (not a pressurized tank system). The LCCC will have a 4-port manifold for connection (not operation) of 4 hoses simultaneously and is for land-based application. The units will also be lightweight, maneuverable, and contained on a four-wheeled cart for ease of movement. Fleet deliveries are planned to start Jun 2008.

Hydraulic Power Supplies

The A/M27T-14 & 15 will replace the legacy T-5 & T-5A and T-7 & T-7A. These new units will provide between 3000 to 5000 PSI hydraulic pressure to support newer aircraft platforms and all legacy T/M/S. Fleet deliveries start in Aug 2007.

Aircraft Fluid Servicing Units



The new Fluid Servicing Units will replace the HSU-1 and PON-6 legacy units in order to reduce the cross-contamination of fluids. Servicing units will be provided for hydraulic fluid, transmission fluid, engine oil and gearbox oil. There are 4 different units, and they are color coded for distinction. Fleet deliveries are scheduled to start in Feb 2008.

I-Level TACAN Test Set

Intermediate level SE used to maintain Navy TACAN systems (AN/ARN-52/84/118/136/139/153). It will replace the ARM-155, ARM-156, and ARM-203. Deliveries start in Dec 2008.

Swept Frequency Test Set (AN/USM-482A Replacement)

Portable O-Level test set that will perform Insertion Loss, Return Loss, Voltage Standing Wave Ratio & Distance-to-Fault measurements on aircraft RF transmission lines, in-line components and antennas. It will

replace the AN/USM-482A and AN/USM-482, which have numerous parts obsolescence issues. Fleet deliveries are planned to start Jun 2008.

LALS III Loader

The Linkless Ammunition Loading System (LALS) holds 1800 rounds of 20mm ammunition and provides transport capabilities from magazine to aircraft. Procurement of the LALS III is planned for later in FY-07. Several ECPs to improve reliability will be implemented into the current LALS II configuration to convert units to the LALS III configuration. ECP improvements include a new Aircraft Interface Unit and additional tensioners. Fleet deliveries for the ECP kits are planned to start Nov 2007.

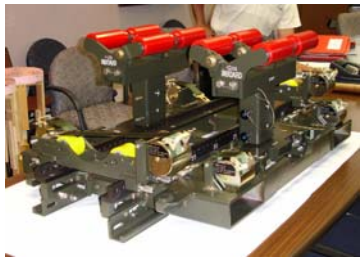
P-Static Test Set

Precipitation Static Test Set required to test aircraft for Precipitation Static EMI. Fleet deliveries are scheduled for Oct 2008.

A/M32K-4A Munitions Trailer Replacement

USMC primary transportation method for ordnance. K-4A has compatibility issues with Marine MTVR 7-ton truck. Replacement trailer is designated A/M32K-10 Universal Rough Terrain Munitions Trailer (URTMT). Fleet deliveries are scheduled for Apr 2009.

ADU-876/E Aircraft Adapter



The ADU-876/E is the redesign of the AERO-74A adapter to remove maintenance significant components. Adapter gives the USMC shore sites the capability to carry 3 weapons. Deliveries started in May 2007.

Electronic Warfare Threat Simulator

The common handheld RF threat radiator will provide a pre-flight check (GO/NOGO) of the aircraft's Radar Warning Receiver. Fleet deliveries are scheduled for Jun 2009.

A/C Maintenance Crane

Will replace legacy A/S32M-14 & 17 cranes. Will have a 6 ton lifting capacity at a 13 ft outreach. Fleet deliveries are scheduled for Aug 2008.

A/U47A-5, MSU-200NAV Air Start Unit

Replaced all legacy air start units that were the highest cost AVDLR items in the fleet for Support Equipment. Deliveries started FY04 and were completed in FY-06. All remaining legacy air start units in the fleet have been F-1 deleted. Legacy units can be used until they break then contact your SECA for disposition. Supply support should not be exercised to support these legacy assets.

Shaft Engine Test Instrumentation

PC based instrumentation system to upgrade T16 & T24 engine test cells. Will support T64 & T-700 engines. Fleet deliveries are scheduled to begin Jun 2008.

AN/USM-708 Common RF Avionics Flightline Tester (CRAFT)

Portable O-Level test set that will perform testing of multiple COMNAV systems, including MODE 5 and capabilities of the AN/APM-480A. Fleet deliveries are scheduled for Nov 2008.

Common Video Borescope Set (CVBS)

The design of this CVBS shall be flexible in order to support all current power plant and airframe inspection requirements as well as future platforms such as the: Joint Strike Fighter (JSF) Heavy Lift Rotary (HLR), Multi-mission Maritime Aircraft (MMA), Vertical Executive Transporter (VXX), and Advanced Hawkeye (AHE). Concept studies were received and evaluated. Three separate contracts were awarded for prototype development. Prototype deliveries have begun and are now being evaluated to provide input into a performance specification for an FY 08 procurement. Fleet demonstrations of the prototypes shall be conducted at selected sites beginning in Apr 2009.

FY07 NDI Procurements

Planning has been initiated to procure a computed radiography system that will replace the wet film method processors and eliminate the associated HAZMAT and costly consumables. This new method of processing will also result in lower exposure times increasing the safety of operators. In addition, the team is currently working on a replacement for the USN-52N to update the fleet capability in performing Ultrasonic NDI. Deliveries for both procurements are scheduled to begin in Oct 2008.

Bench Top Magnetic Particle Unit: GSU-370/W

Fleet installations were completed for the shipboard Stationary Magnetic Particle Inspection Unit to be used with the portable magnetic particle power supply unit TTU-432/E (p/n 166AS100-1). The bath system on this unit consists of a tank and a pump which continuously circulates the magnetic particle medium ensuring an even distribution of particles. With this unit, the Fleet now has the capability to perform wet method magnetic particle inspections of aircraft and support equipment parts aboard CVs/CVNs in accordance with the NAVAIR 01-1A-16 NDI manual. This unit reached MSD in Nov 2006.

Stationary Magnetic Particle Unit (SMPU): DHU-36/E

A new land based stationary magnetic particle unit will be fielded in 3nd Qtr FY 07 and will replace the obsolete H-710G to ensure that the Fleet retains their capability to perform wet method magnetic particle inspections of aircraft and support equipment parts in accordance with the NAVAIR 01-1A-16 NDI manual. NAVICP-Philadelphia has purchased the spare and repair parts necessary to support the SMPU from IOC to MSD. These Interim Support Items are stocked at the Interim Supply Support (ISS) Warehouses under ISIL number 00D40 (Ground). Activities may requisition items from the ISS Warehouse using standard MILSTRIP requisitioning procedures. Approval received from PMA260, TYCOMs and NATEC for the Fleet to use the COTS manual as an interim manual until the conversion of the COTS manual to Navy MIL-SPEC Work Package format is complete. Estimated completion date for this effort is May 2007. The team is also currently working on procuring a SMPU accessory kit, which will contain a Gauss meter, quick break tester as well as a digital shunt meter in order to improve magnetic particle inspection methods.

Eddy Current Flaw Detector (EC): MXU-983/E

Deliveries of the Nortec 2000D+ Eddy Current Flaw Detector to replace the PD-214 units have begun. The new equipment consists of a dual frequency unit with a color active matrix LCD impedance plane display. This unit is EMI shielded and comes with a shielded cable and pencil probe for above deck inspection requirements IAW MIL-STD 461. A range of pencil probes are included as part of this unit for EC inspection. Also supplied with the EC unit is a bolt hole (MiniMite) scanner with a Navy specific bolt hole probe kit. Approval received from PMA260, TYCOMs and NATEC for the Fleet to use the COTS manual as an interim manual until the conversion of the COTS manual to Navy MIL-SPEC Work Package format is complete. Estimated completion date for this effort is May 2007. This new unit will ensure that the Fleet retains their capability to perform eddy current inspections of aircraft and support equipment parts in accordance with the NAVAIR 01-1A-16 NDI manual. Message released “071510Z MAR 07 R R 071510Z MAR07 NORTEC 2000D PLUS AND NDI SPECIAL TASK TRAINING CLASS” prohibiting use of Nortec 2000D+ unit prior to receiving training. To be authorized for usage prior to receiving training contact cognizant FST.

X-Ray Apparatus: A/E99D-2

Fielding of additional Lorad LPX-160 X-Ray units has begun. These new units come with an enhancing feature of a memory exposure library as standard. In order to distinguish between the two units and maintain configuration control, a new, separate NSN (6635 01 537-0942) and Part Number (3-000-0727MEM) were established for the X-Ray Unit with the memory exposure library. Current tech manuals are being updated to include information on the memory exposure library. ECD is Feb 2007. These units replace obsolete A/E99D-1 X-Ray unit by Magnaflux (p/n 1667AS100-1, NSN 6635 01-240-5541). NOTE: The Fleet must follow the Manual Start Up Procedures

outlined in TM 17-15-522, WP 005, para 14, for new Tubeheads. The new x-ray apparatus ensures that the Fleet retains their capability to perform x-ray inspections of aircraft in accordance with the NAVAIR 01-1A-16 NDI manual.

NOTE: We have had reports of problems with some of the new LORAD units.
There are ten (10) known reported issues of units not operating properly. Reported issues include:
(3) units had incorrect wiring,
(6) units with gas tube problems on the x-ray tube
(1) controller with improper electrical filter causing display flicking.

LORAD and DCMA have been provided serial numbers and more details of the issues. Some of the issues identified from LORAD are production errors, and leaking of the gas from the x-ray tube. Production errors have been corrected and gas leakage may be from the same batch or production run from LORAD tube manufacture. LKE and DCMA are working on remedial action with LORAD.

AGFA Film Processor

P/N 2XEHA NSN 6635-01-395-9512 – Cog code changed back to 6R. Unit is once again under NAVICP management. The team is currently working to reestablish repair contract between NAVAIR SEFAC and GE Inspection Technologies.

In-Service Engineering

A/S32P-25 Fire Fighting Truck

A/S32P-25 HALON FIRE EXTINGUISHERS

Replacement 20-pound Halon-1211 fire extinguishers are difficult to obtain from the supply system and are becoming costly to procure, for these reasons we must preserve our current handheld cylinders. Handheld fire extinguishers can be refilled locally from the 1,500 pound Halon-1211 cylinder using the DEFENDER-2000 (Part Number: 100-HR-SHIP-T), which is on each ships IMRL allowance. Halon-1211 can be ordered from DLA in 1,500 pound cylinders using NSN 6830-01-219-8529. Halon-1211 in 1,500 pound cylinders held by DLA are Navy owned stocks which can be ordered by all activities supporting P-25's at a cost of 1-cent each.

DEFENDER-2000 HALON - 1211 RECOVERY/REFILL UNIT

The commercial manual, which was provided with the Defender-2000, outlines detailed procedures for refilling handheld fire extinguishers. Additionally, there was an accompanying video, which provides further instructions. If you need a replacement of this video please contact Matthew McDermott at NAVAIR Lakehurst DSN 624-7958, Commercial 732-323-7958.

SEB 934

NAWCADLKE LETTER Ser 664900B596-2/5881 dated 9 Jan 2006

Subj: A/S32P-25 Fire Fighting Vehicle Dry Exhaust/Fan Clutch Module

Purpose: One time inspection for improper wiring of exhaust / fan clutch module.

SEB 957

DTG 191352Z DEC 06

Subj: A/S32P-25 Fire Fighting Vehicle Isolation Valve Inspection

Purpose: One time inspection for correct Isolation Valve installation.

SEB 958

DTG 081604Z JAN 07

Subj: A/S32P-25 Fire Fighting Vehicle Nursing Line Reducing Line Adapter Inspection

Purpose: One time inspection of the Nursing Line Reducing Adapter for proper thread.

P-25 Protective Cover

A protective cover has been developed to protect the P-25 from the environment when not in use. The cover was demonstrated at the May 2006 Customer Feedback Conference and subsequently stocked in the Navy supply system. The following NSNs apply:
Grey - 4210-01-543-5927
Green - 4210-01-543-5925
Black - 4210-01-543-5926
For more information see the OEMs web site at:
http://www.envelopecovers.com

P-25 Joystick

After receiving several comments from fleet and depot personnel on the inability to obtain the handle and bellows for the joystick without ordering an entire valve assembly the parts have been provisioned. The handle is available under NSN 5340-01-546-2053 and the bellows is available under NSN 5340-01-546-2050. Illustrations and part numbers were added to the tech manual, NAVAIR 19-25-514 by IRAC-3.

A/S32P-25 HYDRAULIC FILTER HEADS

Ordering replacement filter head assemblies has been difficult due to the way the manufacture has assigned part numbers for the assembly and the element. In the past when ordering a filter assembly only an element would be received. Replacement hydraulic filter heads can be ordered using NSN 4210-01-542-9930. Illustrations and part numbers were added to the tech manual, NAVAIR 19-25-514 by IRAC-3.

A/S32P-25 FUEL INJECTORS

Fuel injectors for the P-25 have been provisioned, the newly assigned NSN is 2915-01-541-9513.

A/S32P-25 Tech Manual

NAVAIR 19-25-514 has been updated by issuance of three IRACS.

IRAC 002 was issued 19 Oct 2006 in Type-B format to add troubleshooting procedures for water backing into the AFFF tank..

IRAC 003 was issued 1 Nov 2006 in Type-B format to correct technical information, control panel wire termination data, correct hose routing information, insert pages omitted during last update, and to add callout illustrations depicting changes.

IRAC 004 was issued 1 Jan 2007 in Type-B format to correct technical information related to the hand line nozzle.

IRAC 005 was issued by message, 6 Mar 2007, to add a fluid level inspection of the power transfer unit to the post Maintenance functional check.

Deicer Truck

SEB 938

NAWCADLKE LETTER SER 664900B596-2/6103 dated 7 Mar 2006

Subj: A/S32M-18, GL-1800AP Global Deicer fire Suppression System Inspection

Purpose: One time inspection of the fire suppression system to ensure it is properly armed.

SEB 938-A1

DTG271401ZDEC06

Subj: A/S32M-18, GL-1800AP Global Deicer fire Suppression System Inspection

Purpose: Provide Change of Quantity and Application Serial Numbers

Misc. Information

NDI TRAINING

NTSP #N88-NTSP-A-50-8518B/A, dated May 2000. Course Identification Numbers (CIN) are C-603-3191 for Naval Aircraft Nondestructive Inspection Technician Class C1 and N-701-0006 for Nondestructive Inspection Technician Specific Task. The existing NTSP is currently in scheduled update. NTSP and courses will be updated to include current as well as future NDI procurements. ECD is Apr 2007.

Disposition of Legacy Equipment

There are a few acronyms when dealing with this subject that everyone needs to be familiar with, DRMO, SERP and SECA. Your Support Equipment Controlling Authority (SECA) provides disposition for your legacy equipment. In most cases this is CNAF at Norfolk. Some of this equipment will go to the Support Equipment Reclamation Program (SERP) and some will go to the Defense Reutilization and Marketing Office (DRMO). SERP provides a means for maintenance personnel to obtain consumable repair parts at no cost. You can screen for available parts at: http://navair.serp.dyncorp.com/

In the past, most equipment was sent to NAVAIRSEFAC Solomon's Island, MD for disposition. This is no longer the case, most equipment will now go to DRMO. Procedures and locations for turn-in to DRMO can be obtained at http://www.drms.dla.mil/

3M Documentation

When new equipment arrives please ensure your NALCOMIS Data Base Administrator loads all the Work Unit Codes into NALCOMIS. This enables maintainers the ability to document maintenance accurately. NAVAIR personnel use this data to determine what equipment is causing problems in the fleet and helps justifies new acquisitions.

NAMDRP

Speaking of problems in the Fleet, we need to hear about them through official channels. A phone call or email to the cognizant FST is good, however we ask that you follow up with the paperwork. Submit the QDRs, HMRs, EIs, TPDRs. Funding is very limited, and without official correspondence through the NAMDRP process it makes it very hard to plan workload budgets for on-going years.

ULSS

User Logistics Support Summaries (ULSSs) are written for all new equipment. This document is your key to supporting new equipment during the initial phase of fielding. The various items discussed in the ULSS include: program and system description, fleet support team points of contact, designated repair point, technical manuals, work unit codes and type equipment codes, calibration requirements, maintenance concept, training, supply support, warranty information and any other information relevant to the operational support of the end item. The ULSS is delivered with the new equipment and is available on line approximately sixty (60) days prior to IOC at the PMA260 eRoom. Access to the PMA260 eRoom can be obtained at: https://eroom.navair.navy.mil/eRoom/NAVAIR/PMA-260

Additionally you can access the PMA260 Newsletter, Action Chits and responses at this site. Don't be discouraged; although registration is required the process is considerably less difficult than the PMA260 Web site access. For additional information please contact Mr. Gary Carr at 301-757-6877 or email at: gary.carr@navy.mil

Upcoming Fleet Events

25-27 September 2007
Cable Harness Repair (CHROME)
San Diego, CA

6-8 November 2007
Platform, Electrical & Hydraulics CFC
San Diego, CA

Past Recent Events

"The Armament / Weapons Control Support Equipment Customer Feedback Conference was held on 23-25 January 2007 in San Diego, CA. The latest Armament and Weapons Control Commodity program procurement information was presented to the Fleet. Captain George Kilian (PMA260) welcomed everyone and delivered the opening remarks, followed by Mr. David Sutherland's (PMA 260C) presentation of PMA260's prioritization and funding process for SE. Over 120 military and civilian personnel attended with 80 percent being military. Special guest included Captain Killey and Major Lopez from OPNAV N88 and Commander Schad from NAVICP. The participating IPTs also discussed logistics/engineering problems the Fleet is experiencing with their current Armament and Weapons Control equipment."

Support Equipment Acquisitions And Engineering Changes Overview

Program	IOC	Program	IOC
Platform		**Armament**	
Mid/Se Tow Tractor	Jun-06	ADU-876/E Adapter(Aero-74 Replmt)	May-07
Heavy Maintenance Crane	Aug-08	A/M32K-10 (K-4A Trailer Replacement)	Nov-07
Deicer	Apr-05	AERO-51B Trailer(Upgrade/ECP)	Feb-08
Large Landbased Air Conditioner	Apr-09	LALS-II Replenisher	Dec-07
Shipboard Helo Handler	Jun-10	A/S32K-1D CILOP	Jan-03
P-25 Fire Truck Front Axle ECP	Sept-07	MHU-191/M Drawbar(ECP)	Apr-06
Electrical		LALS-II(ECP-Latch Safety)	Sept-06
AECTS ECP	Jan-08	A/M32K-4A(ECP-Fork Pocket)	Nov-06
Crane Model 970 Battery Ananlyzer	Mar-06	LALS-II(ECP-Tensioner)	Nov-07
MMG-1A Replacement	Jun-08	LALS-II(ECP-AIU)	Dec-07
Cryo		ADU-566	Jun-05
Mobile Nitrogen Gas Generator	Oct-07	**Propulsion**	
NAN Cart ECP	Jun-07	F402 TPS	Nov-07
O2 Servicing Trailer	Jul-07	SETI	Jun-08
Contaminant/Purity/Moist(ECP)	Jan-08	TMS T-58/T700/T-64	Dec-07
Nitrogen Receiver Maintenance Facility ECP	Nov-07	**NDI**	
Portable Oxygen Regulator Test Stand (PORTS)	Jun-09	Computed Radiography	Oct-08
O2N2 2 Ton Generator ECP	Mar-06	Ultrasonic Tester	Oct-08
Hydraulics		Common Video Borescope	Apr-09
Hydraulic Power Supply/Purifier	Aug-07	**Instrumentation**	
HCTS ECP	Aug-07	Fuel Quantity Test Set	Jun-07
Aircraft Fluid Servicing Units	Feb-08	Fuel Qty Adapter Cables	Jun-07
Tube Bender	Aug-09	**Weapons Control**	
Corrosion/Composite		ABE BME Adapters (AH-1W)	Dec-06
Composite Repair Temp/pressure Set	Mar-07	ABE BME Units	Dec-06
Small Corrosion Control Cart	Jun-08	ATABS Maintainability Upgrade ECP	Jul-07
Large Corrosion Control Cart	Jun-08	AWM-103A Block II (Lot 2)	Jan-06
Small Aqueous Parts Washer	Sept-08	**CNI**	
Large Aqueous Parts Washer	Jul-08	482A Replacement(SWFT)	Jun-08
Portable Air Compressor	Apr-08	I-Level TACAN T/S Replacement	Dec-08
Solvent Parts Washer	Oct-08	O-Level P-Stat Test Set	Oct-08
Wiring		CRAFT	Nov-08
Fiber Optic Test Set	Sept-08	Handheld Radar Simulator	Jun-09
O-Level Handheld Aircraft Wire Test Set	Jul-08		
I-Level Automatic Wire Test Set	Jan-09		
2M Refresh	May-08		

Program Points of Contact

Phone Numbers X = 732-323-XXXX , P = 805-989-XXXX

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Large Diesel Air Conditioners	John Hester	x5065	john.hester@navy.mil	Greg Borlaug	x7418	greg.borlaug@navy.mil	Peggy Wilson	x4821	margret.wilson@navy.mil
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Heaters	John Hester	x5065	john.hester@navy.mil	Greg Borlaug	x4748	greg.borlaug@navy.mil	Peggy Wilson	x4727	margret.wilson@navy.mil
Common Support Equipment - Hydraulics, Crypgenics Commodity - Deputy Program Manager LCDR Rusty Medford, PMA260C21, 301-757-6853									
Hydraulic Power Supplies	Jim Ambrosino	x7904	james.ambrosino@navy.mil	Bill Smykowski	x4258	william.smykowski@navy.mil	Sharlene Hampton	x 4114	sharlene.hampton@navy.mil
Hydraulic Component Test Stands	Jim Ambrosino	x7904	james.ambrosino@navy.mil	Bill Smykowski	x4258	william.smykowski@navy.mil	Sharlene Hampton	x 4114	sharlene.hampton@navy.mil
Fluid Servicing units	Jim Ambrosino	x7904	james.ambrosino@navy.mil	Joe Cruz	x2966	joseph.cruz@navy.mil	Sharlene Hampton	x 4114	sharlene.hampton@navy.mil
Particle Counters	Jim Ambrosino	x7904	james.ambrosino@navy.mil	Joe Cruz	x2966	joseph.cruz@navy.mil	Sharlene Hampton	x 4114	sharlene.hampton@navy.mil
Systems requirements				Ryan Bowersock	x4279	ryan.bowersock@navy.mil			
O2 Servicing Trailer	David Schmidt	x4720	david.schmidt3@navy.mil	Manwai Wong	x7895	manwai.wong@navy.mil	Jack Wescoat	x7461	john.wescoat@navy.mil
Mobile Nitrogen Gas Generator	David Schmidt	x4720	david.schmidt3@navy.mil	Manwai Wong	x7895	manwai.wong@navy.mil	Jack Wescoat	x7461	john.wescoat@navy.mil
Nitrogen Sevicing Trailer	David Schmidt	x4720	david.schmidt3@navy.mil	Manwai Wong	x7895	manwai.wong@navy.mil	Jack Wescoat	x7461	john.wescoat@navy.mil
Common Support Equipment - Armament, Weapons Control – Deputy Program Manager Dalyn Dunn, PMA260C, 301-757-6866									
AWM-103A	Diane Pullen	x4294	diane.pullen@navy.mil	Irene M. Bilyk	x5391	irene.bilyk@navy.mil	Kate Sias	x1137	kathleen.sias@navy.mil
LALS	Bill Deeley	x7113	william.deeley@navy.mil	Bruce Park	p0724	bruce.park@navy.mil	Mike Perkins	x1379	michael.perkins@navy.mil
All Weapons Handeling	Bill Deeley	x4294	william.deeley@navy.mil	Sandy Mason	x7414	sandy.mason@navy.mil	Mike Perkins	x1379	michael.perkins@navy.mil
Common Support Equipment - Jet Engine Test Cells, MSU - Deputy Program Manager Mike Kopan, PMA260C22, 301-757-6844									
MSU-200NAV	Thomas Bleazey	x1932	thomas.bleazey@navy.mil	Frank Sinquett	x7150	frank.sinquett@navy.mil	Brian Fortner	x5259	brian.fortner@navy.mil
Jet Engine Test Instrument (JETI)	Janet DiPasquale	x2107	janet.dipasquale@navy.mil	Ron Chang	x4139	ron.chang@navy.mil	Carl Langley	x4802	carl.langley@navy.mil
Shaft Engine Test Instrument (SETI)	Bob Moyer	x7193	robert.moyer@navy.mil	Tim Butler	x1938	timothy.butler@navy.mil	Chick Campbell	x4802	charles.j.campbell@navy.mil
Common Support Equipment - Aircraft Wiring, Corrosion Control, Composite Repair & ABE - Deputy Program Manager Jay Losee, PMA260C, 301-757-6874									
2M Micro-Min Refresh	Bob Hubbard	x1654	robert.hubbard@navy.mil	Bill Peck	x1007	william.peck@navy.mil	Mike Redding	x7379	michael.redding@navy.mil
"O"-Level Handheld Wire Tester	Bob Hubbard	x1654	robert.hubbard@navy.mil	Gail Edwards	x2962	gail.edwards@navy.mil	Mike Redding	x7379	michael.redding@navy.mil
Fiber Optic test Set	Bob Hubbard	x1654	robert.hubbard@navy.mil	Art Michon	x1421	arthor.michon@navy.mil	Mike Redding	x7379	michael.redding@navy.mil
ATABS	Kevin Silverstein	x2151	kevin.silverstrin@navy.mil	Roger Ding	x5239	roger.ding@navy.mil	Dee Baker	x1843	deborah.baker1@navy.mil
Corrosion Control Carts	CDR Granados	x2995	daniel.granados@navy.mil	Dave Snow	x2863	david.snow@navy.mil	Jeff Murray	x1234	jeffery.murray@navy.mil
Parts Washers	CDR Granados	x2995	daniel.granados@navy.mil	Dave Snow	x2863	david.snow@navy.mil	Jeff Murray	x1234	jeffery.murray@navy.mil
Composite Repair Set	CDR Granados	x2995	daniel.granados@navy.mil	Dave Snow	x2863	david.snow@navy.mil	Sharlene Hampton	x4114	sharlene.hampton@navy.mil
Advanced Boresite Equip. (ABE)	Diane Pullen	x4294	daniel.granados@navy.mil	Irene M. Bilyk	x5391	irene.bilyk@navy.mil	Kate Sias	x1137	kathleen.sias@navy.mil
Common Support Equipment - CNI, EW, Instrumentation, NDI - Deputy Program Manager Ty Gorrick, PMA260C, 301-757-6845									
Swept Frequency Tester (SWFT)	Rich McKenna	x4234	richard.mckenna@navy.mil	E. Potkey	p1862		Dawn Carter	x4348	dawn.carter@navy.mil
Handheld Radar Simulator (HRS)	Rich McKenna	x4234	richard.mckenna@navy.mil	Carlos Gutierrez	p0025	carlos.gutierrez@navy.mil	Randy Alcorn	p8721	randall.alcorn@navy.mil
Common EW Threat Simulator	Rich McKenna	x4234	richard.mckenna@navy.mil	Carlos Gutierrez	p0025	carlos.gutierrez@navy.mil	Randy Alcorn	p8721	randall.alcorn@navy.mil
TTU-597E Fuel Control Test Set	Diane Pullen	x4294	diane.pullen@navy.mil	Aldo Nernal	x7389	aldo.bernal@navy.mil	Dee Baker	x1843	deborah.baker1@navy.mil
Common Video Borescope Set	Marc Donohue	x4702	marc.donohue@navy.mil	Pete Hum	x4152	peter.hum@navy.mil	Claire Powell	x4610	claire.powell@navy.mil
Ultrasonic Tester	Marc Donohue	x4702	marc.donohue@navy.mil	Pete Hum	x4152	peter.hum@navy.mil	Claire Powell	x4610	claire.powell@navy.mil
Computed Radiography	Marc Donohue	x4702	marc.donohue@navy.mil	Pete Hum	x4152	peter.hum@navy.mil	Claire Powell	x4610	claire.powell@navy.mil

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